



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/034,253	05/03/98	TWIGG E	100745

CLIFF & BERRIDGE
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PM51/1215

EXAMINER
JOHNSON, S

ART UNIT	PAPER NUMBER
3641	

DATE MAILED: 12/15/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

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IV

Office Action Summary

Application No.
09/084,263

Applicant(s)
Edwin S. Twigg

Examiner
Stephen M. Johnson

Group Art Unit
3641



☒ Responsive to communication(s) filed on Aug 24, 2000

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire six month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-9 and 11-23 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-9, 13, 15, 16, and 18-22 is/are rejected.

☒ Claim(s) 11, 12, 14, 17, and 23 is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☒ The proposed drawing correction, filed on Aug 24, 2000 is ☒ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s) _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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Art Unit: 3641

1. The proposed drawing corrections filed on 8/24/2000 have been approved.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9,13,15-16, and 18-22 are rejected under 35 U.S.C. 102(b) as being anticipated by UK 2,161,108.

UK 2, 1661,108 discloses a fiber reinforced metal comprising:

- | | |
|--|-----------------------------------|
| a) a hub with first ring
of fibers, | 22, 42 |
| b) a rim, | 32 |
| c) a member extending
radially there between, | 30, 31 |
| d) a second ring of fibers, | inside 30 or 31 |
| e) a rotor blade, | 26, 27, 28, 29 |
| f) upper streams and
down streams discs, | see fig. 4 |
| g) a casing, and | inherent |
| h) an annular spacer. | See fig. 4
(middle part of 22) |

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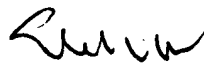
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4. Claims 11-12,14,17, and 23 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. This application contains security classification markings but does not contain a secrecy order under 35 USC 181-188. Before this case can be forwarded to D-10 status, a secrecy order must be provided.

Correction is required.

6. Any inquiry concerning this communication should be directed to Stephen Johnson at telephone number (703) 306-4158.



Johnson/jcs
11-1-00

STEPHEN M. JOHNSON
PRIMARY EXAMINER

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